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20 YEARS IN ACP

Vermont Agricultural Stabilization and Conservation Service

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREWORD

The accomplishments of the Vermont State and County Agricultural Stabilization and Conservation Committees during the 1964 fiscal year are presented in this annual report.

The information relative to the various ASCS programs administered in Vermont provides a reference for readers and explains to the people we serve how USDA programs are handled by our organization.

We wish to pay tribute to the dedicated State, county and community committeemen who make the operation of these programs so successful. We also wish to commend the work of our efficient ASCS office managers.

We are proud of the fact that Vermont again leads the Nation in ACP participation. If any reader has any questions about our programs, please feel free to contact us.

Vermont State ASC Committee (1965)

Richard A. Moore, Chairman
J. Paul Bonneau, Member
Morris E. LaFrance, Member
R. P. Davison, Extension Service
Ex Officio

State Office

A. F. Heald, State Executive Director
G. T. Hart, Fieldman
E. E. Gifford, Jr., Fieldman



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ADMINISTRATION

The Vermont State ASC Committee is responsible for the administration of ASCS activities assigned to them by the Department of Agriculture.

These programs are administered in Vermont at State, county and community levels by ASC farmer committeemen. Farmers in each community elect annually from their number a community committee of three to carry out the programs and do the field work in their community. Any farmer who, as owner or operator of a farm, participated in the past year, or will participate in the coming year in the Agricultural Conservation Program, or is eligible for price support, is eligible to vote in this annual election. They also elect a delegate to attend a county convention at which a county committee of three is elected. The county agricultural agent serves as an ex officio member of the county committee.

The county committee administers the programs at the county level within the policies and guides set up by the State Committee. Each county committee employs a full-time county office manager who is in charge of the county ASCS office.

The State Committee is appointed by the Secretary of Agriculture. It is responsible for the administration and operation of all applicable programs in the State. The Committee determines the policies and makes recommendations to be carried out by a State Executive Director who is the administrative head of the State ASCS Office.

AGRICULTURAL CONSERVATION PROGRAM - 1964

Administration

The Agricultural Conservation Program is authorized by an Act of Congress and came into existence in 1936. The program recognizes the need for additional conservation of our soil, water, and forest resources. It sets up a system whereby the Government and farmers can join together in a program of conservation. This provides for a farmer-consumer effort to encourage and financially help farmers to carry out needed conservation practices so that the Nation's farms may continue to produce in the future.

The Agricultural Conservation Program is based on the conservation needs of the various States as determined by the State ASC Committees in consultation with Extension specialists and technical people from other agencies. Some of these needs for Vermont and those accomplished under the 1964 ACP are as follows:

<u>Needs</u>	<u>Accomplished 1964 ACP</u>
300,000 tons of lime annually	80590 tons
225,000 tons of superphosphate (20% equiv.) annually	7746 tons
90,000 tons of potash (50% muriate equiv.) annually	7242 tons
128,000 acres of tree planting	1917 acres
1,000,000 acres of woodland improvement	8960 acres
150,000 acres of drainage	3172 acres

The program is developed from the recommendations of the community and county committees as these reflect the needs at the grass roots. The State Handbook of Practices is drawn up and approved by the State Committee working with the National and State Forest Service representatives and the State Soil Conservationist. The provisions and practices are within the framework of the National Bulletin.

The program is administered through the locally-elected county and community committeemen. There are 42 county committeemen and 465 community committeemen serving the program as it is operated in Vermont at the present time. Through this service they develop qualities of leadership which are a valuable asset to the community and State.

The average cost per farm enrolled in the program for the fiscal year 1965 for the committeemen's work in administering ACP and the other applicable programs in Vermont was county committee - \$2.15 and community committee - \$5.28. These men receive pay on a per diem basis for the time worked only.

In addition to the conservation work carried out on the land as summarized in the tables contained in this report, the program, through furnishing lime and fertilizers on a contract basis, has kept the costs of these materials at a lower level than they would have been otherwise. In working with the railroads in connection with the transportation of the materials, freight rates have been reduced in many instances.

The tabulation on page 14 showing "Use of Funds" by years indicates that the farmer has been and is contributing in cash and services considerably more than the cost of the program to the Government.

Soil Sampling Service

In an attempt to assist farmers in using correct amounts of lime and fertilizer a soil sampling service is offered under ACP. Soil samples are taken at the request of the farmer. In some cases the committeeman is equipped to run a pH test at the farm; in other cases the sample is taken and sent to the laboratory at the University of Vermont for a complete analysis. In the fiscal year ending June 30, 1964, our committeemen took a total of 4,443 samples on 1,329 farms. 906 of these samples were sent to the State Laboratory for a complete analysis.

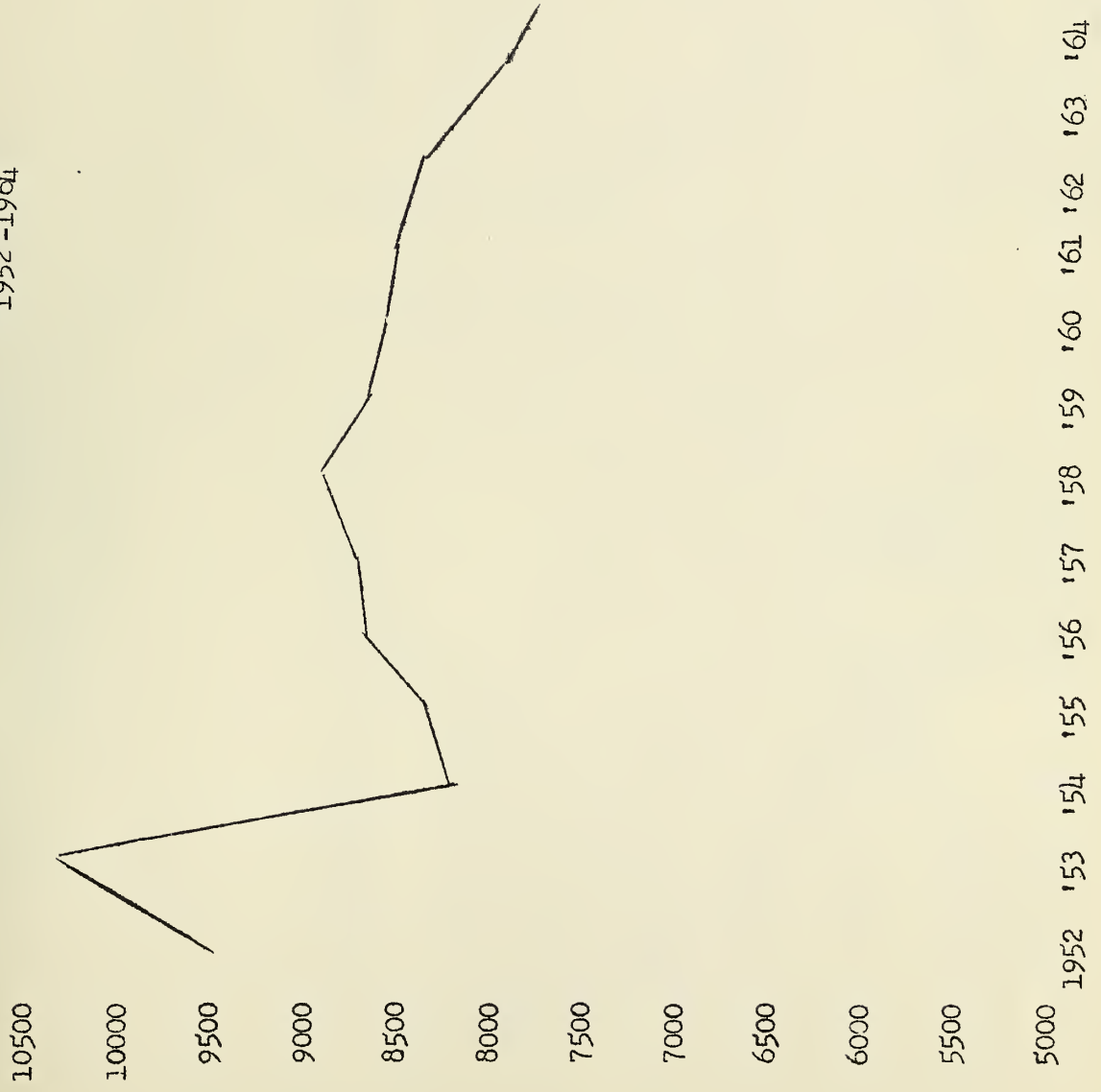
Technical Service Agreements

All counties entered into agreements with the Soil Conservation Service and/or the Vermont Forest Service for the purpose of obtaining technical assistance in connection with practices for which these agencies have technical responsibility. The amounts of program funds, by counties, covered by these agreements are as follows:

<u>County</u>	<u>SCS-5%</u>	<u>FS-1%</u>
Addison	\$ 6530	\$1200
Bennington	850	346
Caledonia	2519	519
Chittenden	4095	405
Essex	-	100
Franklin	6893	500
Grand Isle	900	72
Lamoille	1300	350
Orange	4245	600
Orleans	5843	300
Rutland	2402	801
Washington	3646	720
Windham	719	480
Windsor	<u>4477</u>	<u>894</u>
Total	\$44419	\$7287

VERMONT ACP
Enrollment by Years

1952-1964



VERMONT

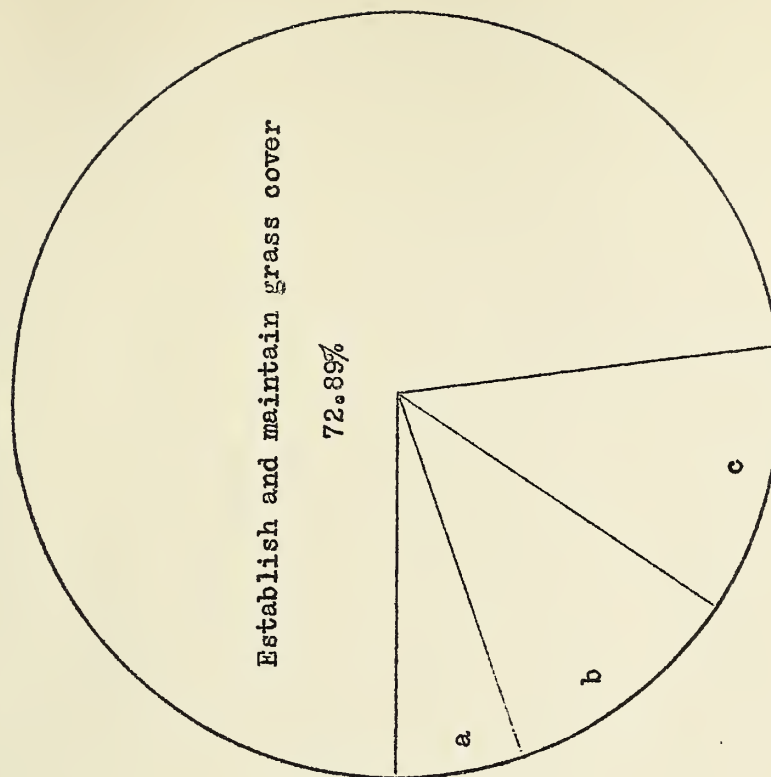
PERCENTAGE DISTRIBUTION OF ASSISTANCE FOR PRACTICES AND SERVICES CARRIED OUT
(Comparing 1954 with 1964)

1954 ACP



- a. Drainage - 2.37%
b. Forestry - 3.63%
c. All Other - 4.88%
- Stripcropping
Farm Ponds
Leveling for
Protective Cover
- Perm. Vegetation
Shore Protection
Soil Sampling
5% Agreements

1964 ACP



- a. Drainage - 5.42%
b. Forestry - 10.22%
c. All Other - 11.47%
- Stripcropping
Farm Ponds
Pipelines
Outlet Protection
Shore Protection
Springs & Seeps
- Perm. Vegetation
Green Manure
Shrub Control
Mulching
Wildlife Cover
Wildlife Ponds
- Wildlife Land
Management
Soil Sampling
5% Agreements
1% Agreements

VERMONT

Ground Limestone Usage under ACP - 1935-1936, 1944, 1947-1964

29-year total - 2,005,030 tons

Tons
110000

100000

90000

80000

70000

60000

50000

40000

30000

20000

10000

0

1935 '36 '44 '47 '48 '49 '50 '51 '52 '53 '54 '55 '56 '57 '58 '59 '60 '61 '62 '63 '64

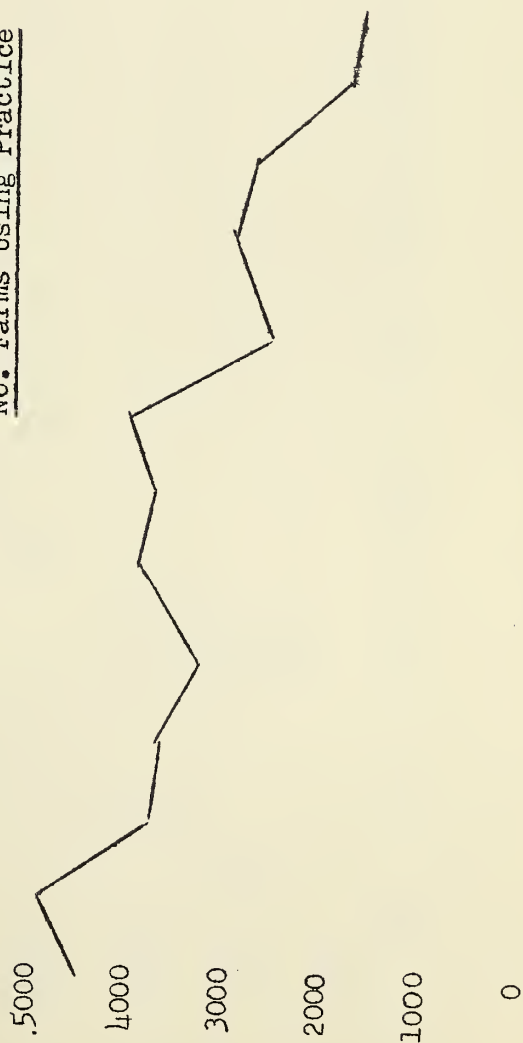
No. Farms
Using Practice
7000
6500
6000
5500
5000
4500
4000



VERMONT
Superphosphate (20% Equiv.) Usage, 1952-1964.



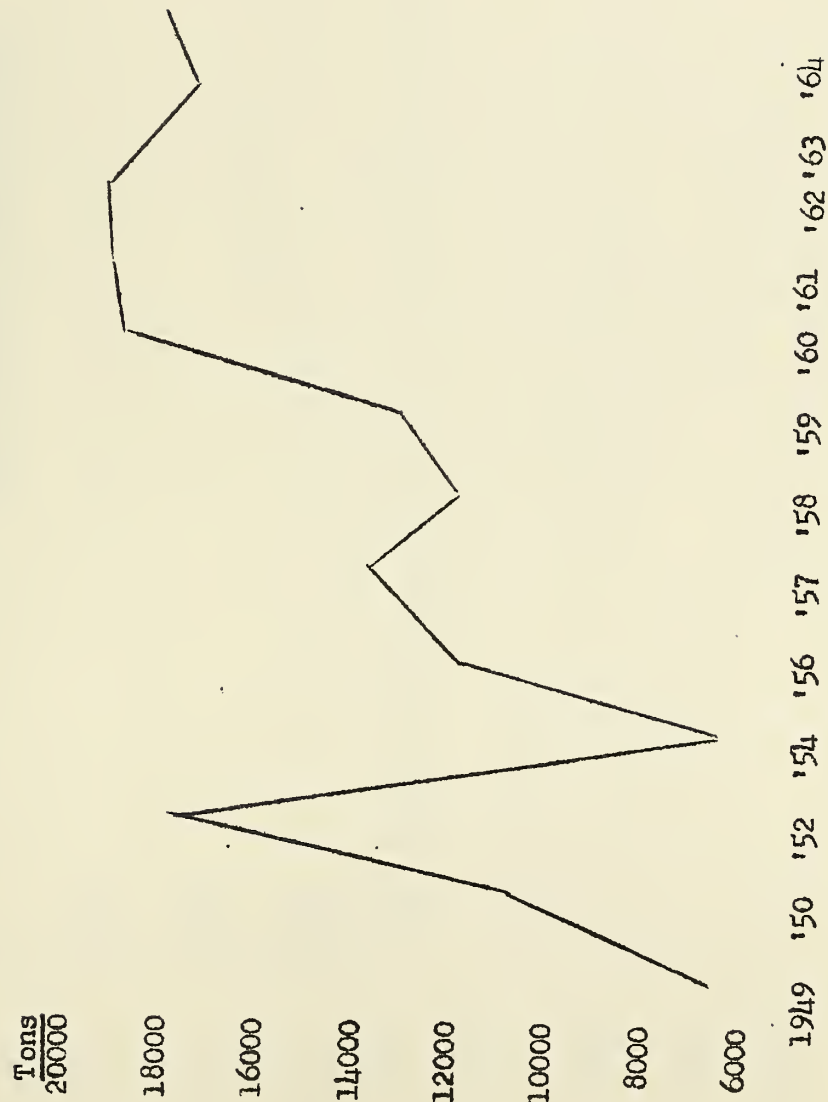
No. Farms Using Practice



VERMONT

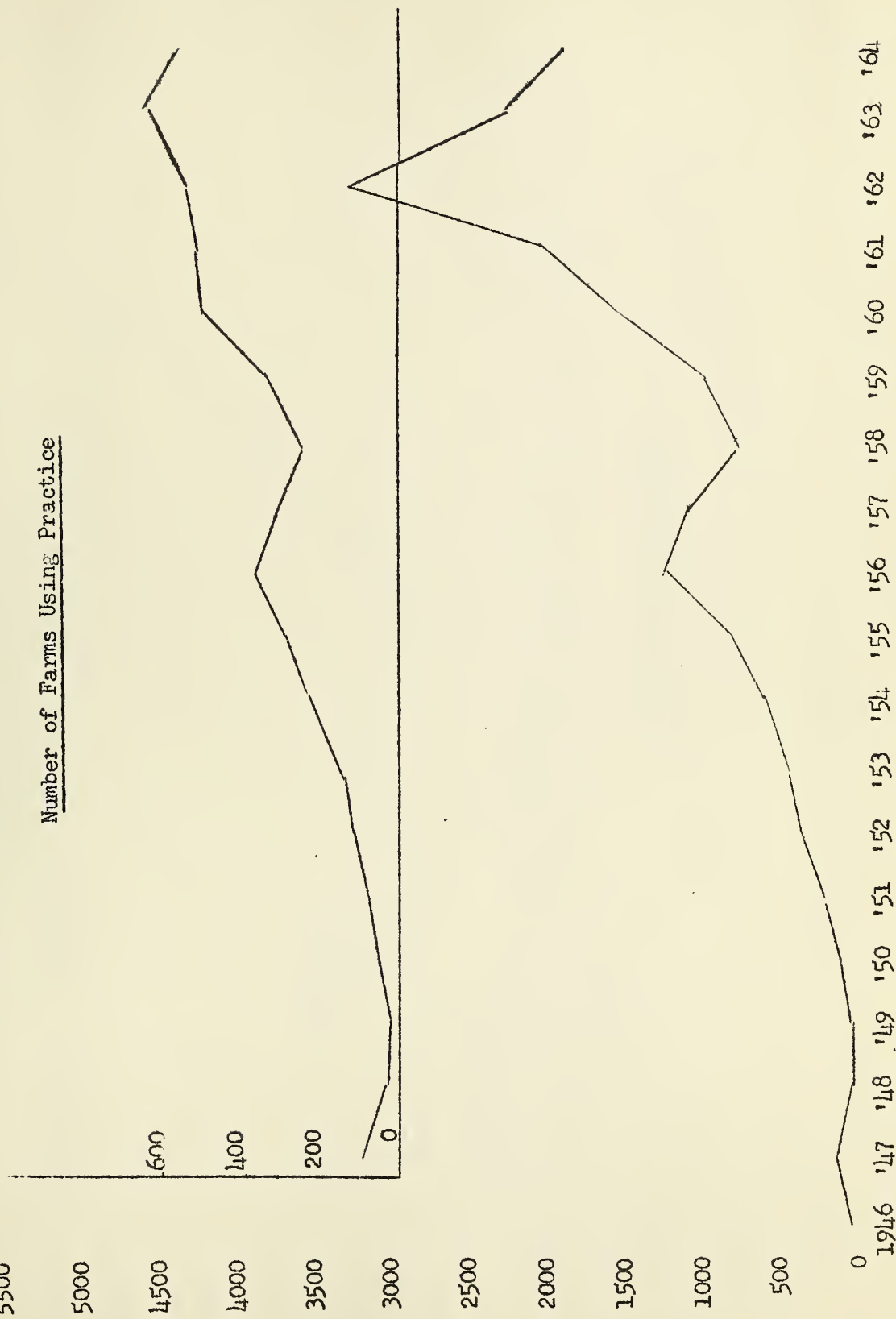
Mixed Fertilizer Furnished as CMS under ACP - 1949-1964

(Includes 0-14-14, 0-10-20, 0-20-20, 0-15-30, 0-25-25 contract materials only)



VERMONT
Planting Trees under ACP - 1946-1964

Number of Farms Using Practice



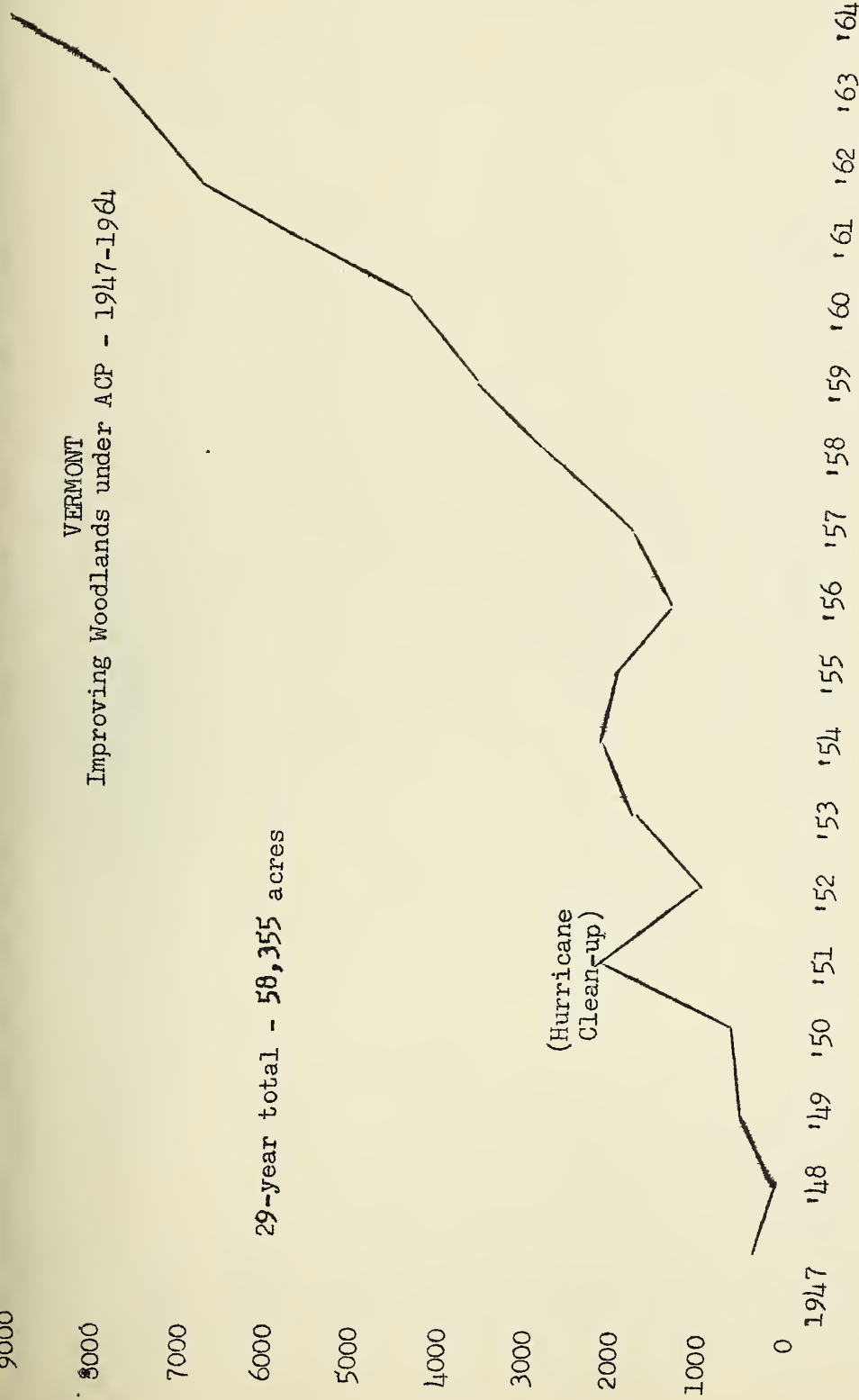


ACRES
9000

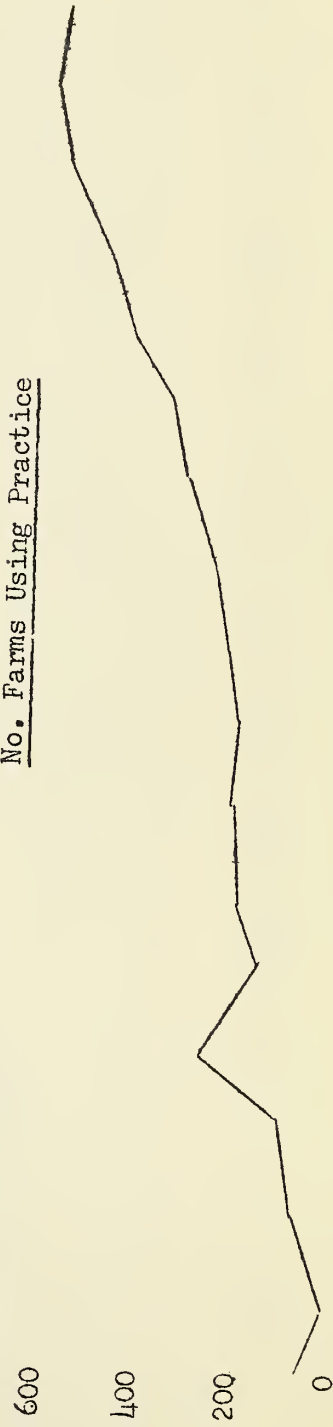
VERMONT
Improving Woodlands under ACP - 1947-1964

29-year total - 58,355 acres

(Hurricane
Clean-up)



No. Farms Using Practice

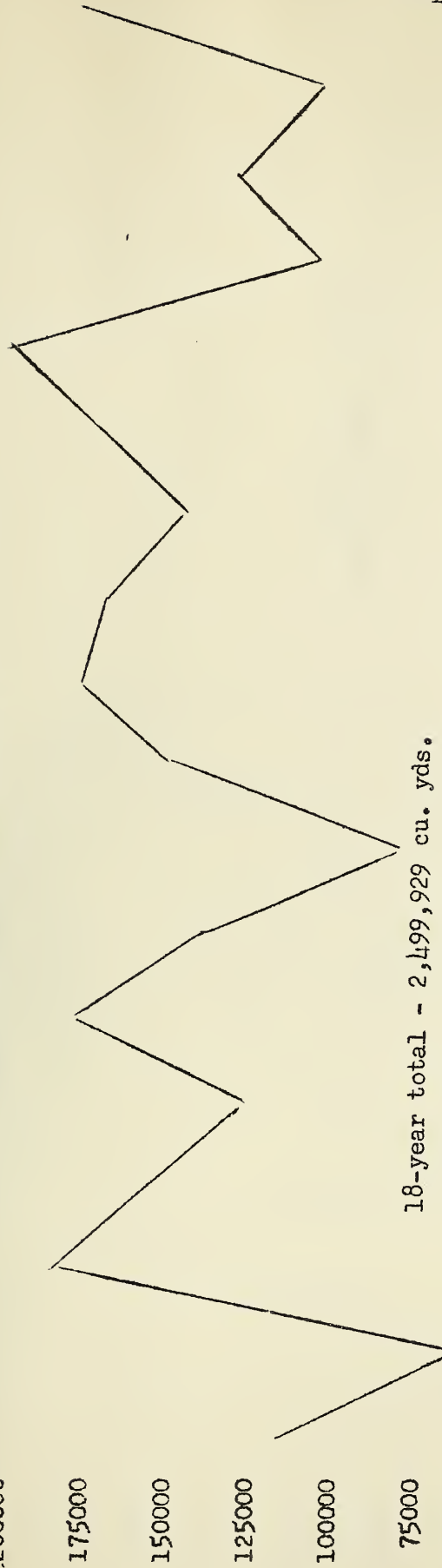




VERMONT

Open Drainage Ditches under ACP - 1947-1964

Cu. Yds.
200000



18-year total - 2,499,929 cu. yds.

0

1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964

No. Farms Using Practice

200

100

0

1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964



VERMONT
Tile Drains Under ACP 1953-1964

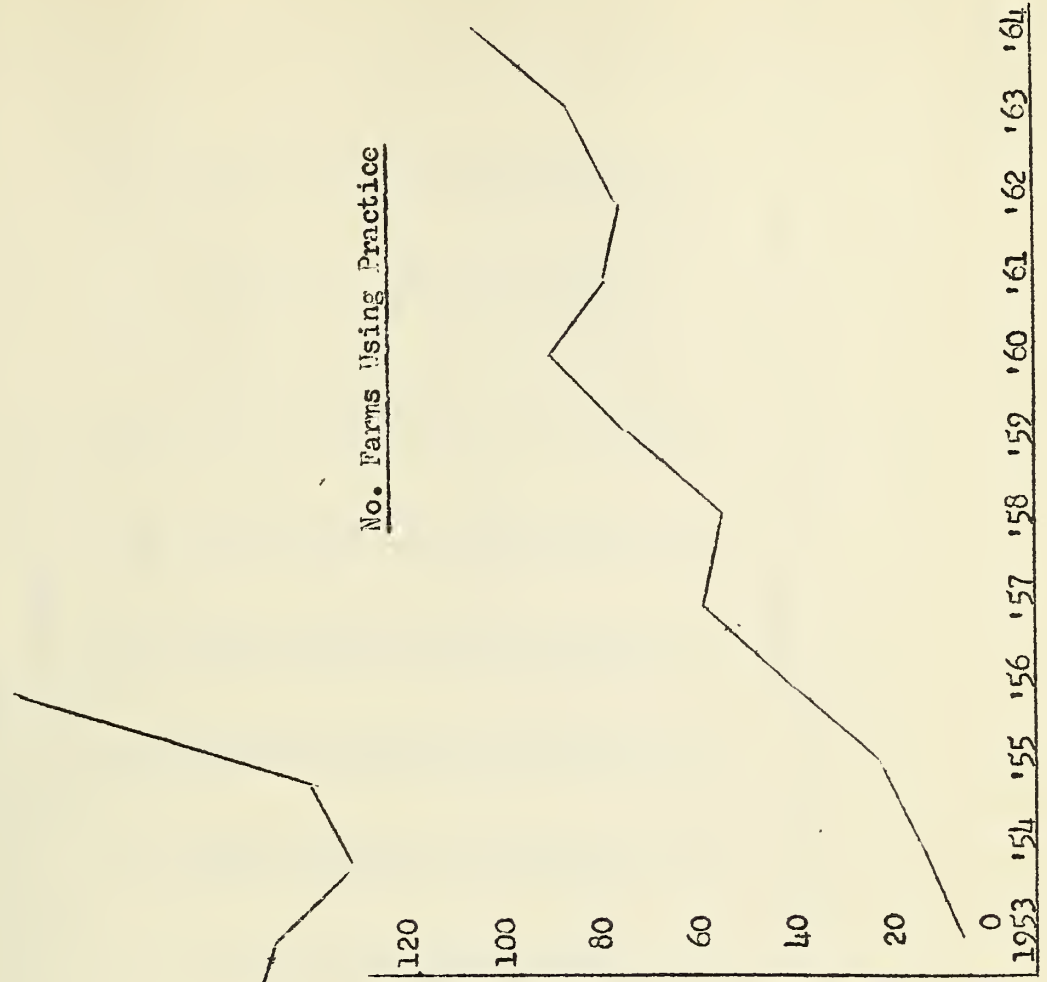
18-year total - 575,295 lin. ft.

Lin.
ft.
90000

80000
70000
60000
50000
40000
30000
20000
10000
0

No. Farms Using Practice

120
100
80
60
40
20
0



1953 '54 '55 '56 '57 '58 '59 '60 '61 '62 '63 '64



State of Vermont

*ACP Enrollment by Counties for Specified Years

County	1936	1940	1942	1946	1950	1954	1958	1960	1961	1962	1963	1964
Addison	439	1138	1253	1025	872	628	869	845	835	836	765	720
Bennington	149	496	621	451	419	288	285	275	271	280	281	279
Caledonia	570	1182	1292	1105	810	669	753	722	766	728	689	656
Chittenden	406	1084	1196	852	756	625	669	626	608	602	554	559
Essex	177	335	402	241	216	163	167	150	155	153	147	133
Franklin	525	1463	1678	1464	1237	1034	1167	1094	1119	1058	998	968
Grand Isle	127	308	324	257	182	177	180	176	174	164	155	158
Lamoille	320	912	937	630	560	425	465	462	498	499	498	483
Orange	533	1226	1540	1017	850	625	780	698	665	696	670	703
Orleans	734	1609	1706	1304	1330	977	1007	970	943	935	944	877
Rutland	580	1088	1250	1039	825	705	760	763	758	714	673	655
Washington	465	1255	1501	947	776	614	626	614	614	630	624	591
Windham	342	769	956	615	642	423	446	423	396	375	370	356
Windsor	335	1256	1573	1083	972	762	689	684	644	640	582	594
Total	5702	14121	16229	12030	10447	8115	8863	8502	8446	8310	7950	7732

*Enrollment total each year varies slightly from actual participation because of some farmers who sign up but do not carry out any practices.



USE OF FUNDS 1936 - 1964

<u>Year</u>	<u>Amount of Govt. Funds</u>	<u>Cash Collected From Farmers</u>	<u>Estimated Add'l Expense Contributed by Farmer</u>
1936	\$ 305,000	\$ --	\$ 230,000
1937	447,000	--	500,000
1938	520,000	20,701	500,000
1939	840,000	86,854	500,000
1940	833,000	50,738	520,000
1941	992,000	61,413	550,000
1942	1,002,000	47,198	700,000
1943	1,062,000	95,156	700,000
1944	1,309,000	--	750,000
1945	815,000	212,113	750,000
1946	997,000	354,082	800,000
1947	834,000	270,000	750,000
1948	678,000	420,631	600,000
1949	1,149,000	740,019	750,000
1950	1,154,000	905,517	750,000
1951	1,221,000	888,762	750,000
1952	1,017,000	818,397	750,000
1953	1,021,000	777,449	750,000
1954	795,000	611,430	600,000
1955	1,105,000	619,491	750,000
1956	1,106,000	609,578	750,000
1957	1,112,000	715,101	800,000
1958	1,114,000	783,512	850,000
1959	1,116,000	866,280	868,000
1960	1,114,000	764,503	870,000
1961	1,122,000	808,983	870,000
1962	1,107,000	716,132	870,000
1963	1,090,000	594,857	870,000
1964	<u>1,081,000</u>	<u>548,925</u>	<u>870,000</u>
Total	28,058,000	13,387,822	20,568,000



Total Number of Participating Farms, Cropland
Acreage, Total Gross Payment, Average Payment per Farm
by Counties Under the 1964 Agricultural Conservation Program

<u>County</u>	<u>Number of Participating Farms</u>	<u>Cropland on Participating Farms</u>	<u>% Cropland on Participating Farms is of All Cropland</u>	<u>Gross Payment</u>	<u>Average Gross Pay- ment per Farm</u>
Addison	588	98890	80	\$ 152429	\$259.23
Bennington	215	18394	67	33147	154.17
Caledonia	512	41636	76	94790	185.14
Chittenden	442	51196	68	106055	239.94
Essex	100	7663	58	19139	191.39
Franklin	767	80535	77	156682	204.28
Grand Isle	131	14670	70	25054	191.25
Lamoille	373	22419	76	54395	145.83
Orange	580	38102	69	105450	181.81
Orleans	601	55824	66	125456	208.75
Rutland	511	51990	68	98097	191.97
Washington	442	31691	61	76910	174.00
Windham	276	21330	65	49564	179.58
Windsor	<u>489</u>	<u>33995</u>	<u>56</u>	<u>97014</u>	<u>198.39</u>
Total	6027	568335	70	\$1194182	\$198.14

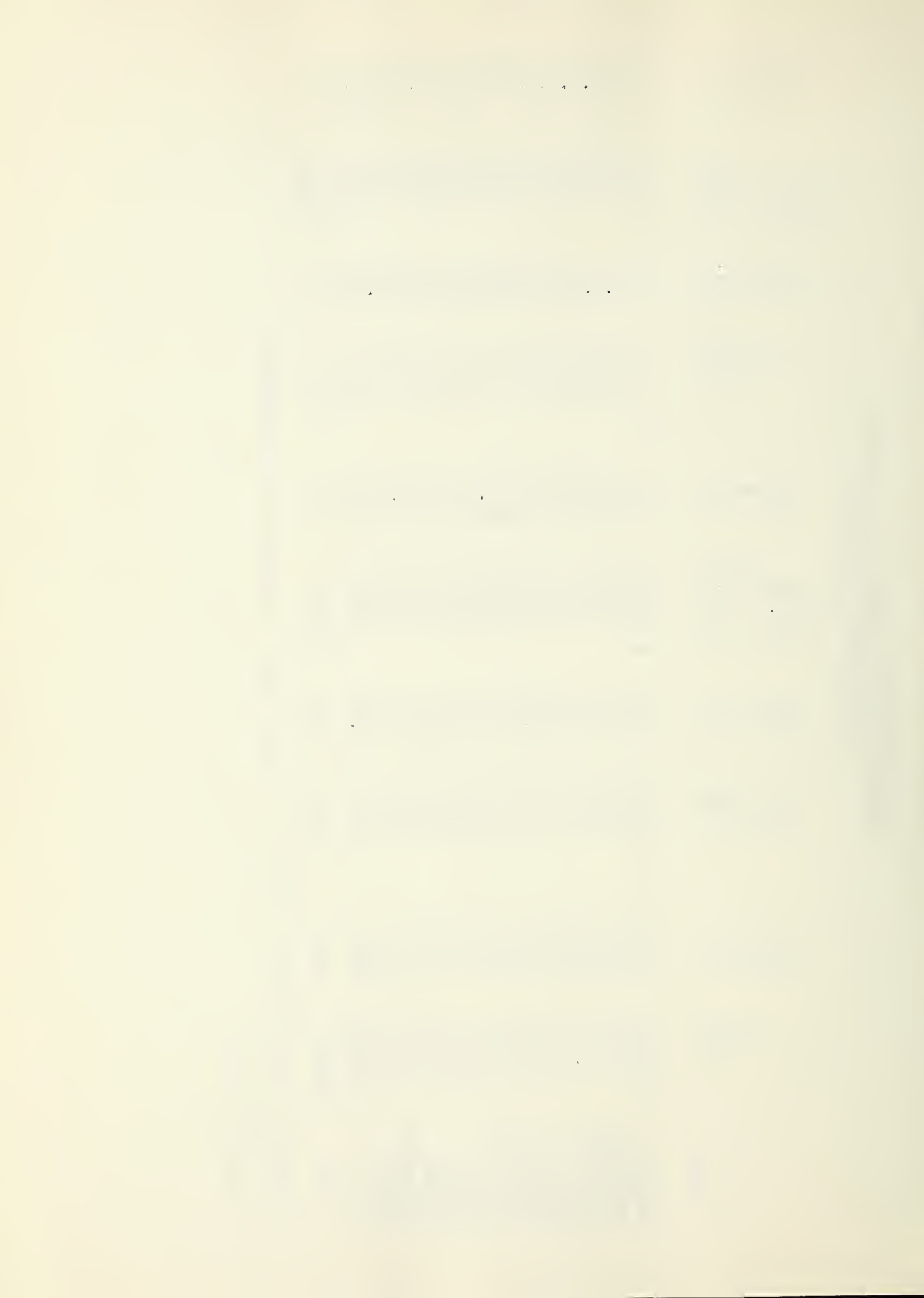


1964 ACP Practice Assistance by Counties
(Amount Paid and Percent)

County	Pr. 1 Time 1/	% of Total Co. Assist.	Pr. 19(a) Super 1/	% of Total Co. Assist.	Pr. 2,3,18 (dke) M.F.1/ Pr. 6 Obstr. Removal	% of Total Co. Assist.	Pr. 4 Planting Trees 2/	% of Total Co. Assist.	Pr. 5 Timber Stand Improve- ment	% of Total Co. Assist.
Addison	\$ 42413	30.28	\$ 11331	8.09	\$ 66920	47.77	\$ 2243	1.60	\$ 6224	4.44
Bennington	7100	23.69	1308	4.36	14881	49.66	1592	5.31	2815	9.39
Caledonia	21710	24.96	5855	6.73	33526	38.54	5018	5.77	6684	7.68
Chittenden	36811	37.56	5938	6.06	33817	34.51	2897	2.96	4199	4.28
Essex	7847	43.06	681	3.74	4510	24.75	1314	7.21	2072	11.37
Franklin	48348	34.02	7512	5.31	52568	36.99	3144	2.21	7418	5.22
Grand Isle	2205	9.60	849	3.70	10230	44.54	425	1.85	226	.98
Lamoille	12163	24.34	1736	3.47	19725	39.47	3953	7.91	7971	15.95
Orange	18705	19.67	8313	8.74	43087	45.30	7055	7.42	4604	4.84
Orleans	48319	42.17	6975	6.09	44848	39.14	4094	3.57	1250	1.09
Rutland	27884	30.66	9744	10.71	31883	35.06	3753	4.13	8755	9.63
Washington	21895	32.16	6423	9.43	24593	36.12	5081	7.46	4435	6.51
Windham	18211	39.82	3824	8.31	18185	39.54	672	1.46	2820	6.13
Windsor	21540	24.75	6617	7.60	23372	26.85	3085	3.54	13172	15.13
Total	\$335251	30.76	\$ 77136	7.08	\$422145	38.73	\$44326	4.07	\$72645	6.66

1/ Does not include \$1005 of assistance for practices to be completed under 1965 ACP

2/ Includes fencing



1964 ACP Practice Assistance by Counties (Continued)
(Amount Paid and Percent)

County	Pr. 7 Cont. Strip.	% of Total Co. Assist.	Pr. 8 Farm Ponds	% of Total Co. Assist.	Pr. 8, 11 & 14 Perm. Vegetation	% of Total Co. Assist.	Pr. 9 Sod Waterways	% of Total Co. Assist.	Pr. 10 & 17 Livestock Pipelines, etc.	% of Total Co. Assist.
Addison	\$ --	--	\$ 3811	2.72	\$ 652	.47	\$ 633	.45	\$ --	--
Bennington	--	--	433	1.45	44	.15	--	--	104	.35
Caledonia	185	.21	2051	2.36	117	.13	85	.10	385	.44
Chittenden	--	--	1990	2.03	1330	1.36	651	.96	1962	2.00
Essex	--	--	99	.54	158	.87	--	--	102	.56
Franklin	660	.46	1518	1.07	156	.11	517	.36	107	.08
Grand Isle	--	--	582	2.53	924	4.02	115	.50	--	--
Lamoille	--	--	214	.43	--	--	576	1.15	54	.11
Orange	46	.05	1285	1.35	140	.15	209	.22	11	.01
Orleans	--	--	494	.43	1199	1.05	367	.32	612	.53
Rutland	118	.13	1970	2.17	30	.03	39	.04	1218	1.34
Washington	275	.40	607	.89	409	.60	264	.39	552	.81
Windham	--	--	--	--	--	--	241	.52	--	--
Windsor	277	.32	363	.42	472	.54	492	.57	977	1.12
Total	\$1591	.14	\$15417	1.41	\$5631	.52	\$4189	.38	\$6084	.56



1964 ACP Practice Assistance by Counties (Continued)
(Amount Paid and Percent)

County	Pr. 11 Diversions	% of Total Co. Assist.	Pr. 12 & 15 Outlet Protection	% of Total Co. Assist.	Pr. 13 Shore Protection	% of Total Co. Assist.	Pr. 14 Open Drainage Ditches	% of Total Co. Assist.	Pr. 15 Enclosed Drainage	% of Total Co. Assist.
Addison	\$ 677	.48	--	--	--	--	\$ 3535	2.52	--	--
Bennington	--	--	--	--	145	.48	90	.30	--	--
Caledonia	203	.23	--	--	843	.97	942	1.08	1275	1.47
Chittenden	1036	1.06	--	--	425	.43	4715	4.81	225	.23
Essex	76	.42	--	--	575	3.15	746	4.09	--	--
Franklin	201	.14	--	--	689	.48	12116	8.53	7070	4.97
Grand Isle	--	--	--	--	--	--	6006	26.15	1043	4.54
Lamoille	738	1.48	--	--	240	.48	1909	3.82	309	.62
Orange	111	.12	--	--	186	.19	294	.31	660	.69
Orleans	273	.24	--	--	371	.32	3887	3.39	941	.82
Rutland	20	.02	--	--	1663	1.83	895	.98	924	1.02
Washington	289	.43	8	.01	324	.48	447	.66	207	.30
Windham	--	--	130	.28	--	--	--	--	334	.73
Windsor	377	.43	95	.11	1740	2.00	1588	1.83	769	.88
Total	\$4001	.37	\$ 233	.02	\$7201	.66	\$37170	3.41	\$13757	1.26



1964 ACP Practice Assistance by Counties (Continued)
(Amount Paid and Percent)

County	Pr. 16 Leveling Drainage	% of Total Co. Assist.	Pr. 17 Springs or Seeps	% of Total Co. Assist.	Pr. 18(a) Green Manure	% of Total Co. Assist.	Pr. 18(b) Mulching Orchards	% of Total Co. Assist.	Pr. 18(c) Shrub Control	% of Total Co. Assist.
Addison	\$ 918	.66								
Bennington	--	--								
Caledonia	443	.51	1169	1.34	2175	2.50				
Chittenden	174	.18	400	.41	--	--			28	.03
Essex	22	.12	23	.12	--	--				
Franklin	71	.05	--	--	--	--				
Grand Isle	54	.24	--	--	--	--				
Lamoille	181	.36	208	.41	--	--				
Orange	936	.98	1116	1.17	--	--				
Orleans	--	--	125	.11	--	--				
Rutland	58	.06	905	1.00	--	--				
Washington	48	.07	324	.48	--	--				
Windham	44	.10	--	--	1030	2.24	398	.87		
Windsor	--	--	744	.86	--	--				
Total	\$2949	.27	\$5014	.46	\$3205	.29	\$398	.04	\$ 28	--



1964 ACP Practice Assistance by Counties (Continued)
(Amount Paid and Percent)

County	Pr. 22(a) \$	Wildlife Perm. Cover -	% of Total Co. Assist.	Pr. 22(b) Wildlife Ponds \$	% of Total Co. Assist.	Pr. 22(c&d) Land Mgmt. - Wildlife \$	% of Total Co. Assist.	Total \$
Addison	142		.03	678	.49	--	--	\$ 140077
Bemington	157		.52	1300	4.34	--	--	29969
Caledonia	--		--	4329	4.98	--	--	86995
Chittenden	105		.11	1200	1.22	100	.10	98003
Essex	--		--	--	--	--	--	18225
Franklin	--		--	--	--	--	--	142125
Grand Isle	70		.30	240	1.05	--	--	22969
Lamoille	--		--	--	--	--	--	49977
Orange	96		.10	8214	8.64	44	.05	95112
Orleans	87		.08	744	.65	--	--	114586
Rutland	--		--	1078	1.19	--	--	90937
Washington	--		--	1906	2.80	--	--	68087
Windham	--		--	--	--	--	--	45989
Windsor	626		.72	10734	12.33	--	--	87040
Total	\$1183		.11	\$30423	2.79	\$ 144	.01	\$1090091



Conservation Practices Performed
Under the 1964 Agricultural Conservation Program
(CMS and Cash Practice)

County	Ground Limestone			20% Equiv. Superphosphate			(0-20-20 Equiv.) Mixed Fertilizer			
	Total Farms	Total Tons 2/	Acres Treated (Est) 1/	Total Farms	Total Tons 2/	Acres Treated (Est)	Total Farms		Total Tons	Est. Total Acres 3/
							Prac. 2 6,18(d)	Prac. 3 & 18(e)		
Addison	372	10098	6121	173	1133	2014	305	312	2931	13323
Bennington	102	1951	1249	49	163	284	102	121	725	3295
Caledonia	294	4570	3303	153	586	1045	175	339	1460	6636
Chittenden	317	8763	5560	91	594	1060	237	199	1464	6655
Essex	80	1706	1565	18	68	151	53	33	226	1027
Franklin	607	13814	11865	190	754	1350	485	385	2221	10095
Grand Isle	52	573	372	22	85	144	55	63	455	2069
Lamoille	146	3201	1695	58	174	287	201	183	923	4195
Orange	234	3741	2197	192	831	1347	140	307	1805	8205
Orleans	464	10792	6074	152	698	1248	374	262	1826	8300
Rutland	349	6971	4992	199	974	1742	180	276	1222	5555
Washington	267	5213	3052	143	642	1124	162	215	1007	4577
Windham	174	4069	2081	92	382	673	104	150	809	3677
Windsor	281	5128	3033	132	662	1201	121	271	1031	4686
Total	3739	80590	53159	1664	7746	13670	2694	3116	18105	82295

1/ Average application of limestone - 1.52 tons per acre.

2/ Does not include unused CMS.

3/ Estimated average application of mixed fertilizer - 440 lbs. of 0-20-20 equivalent per acre.

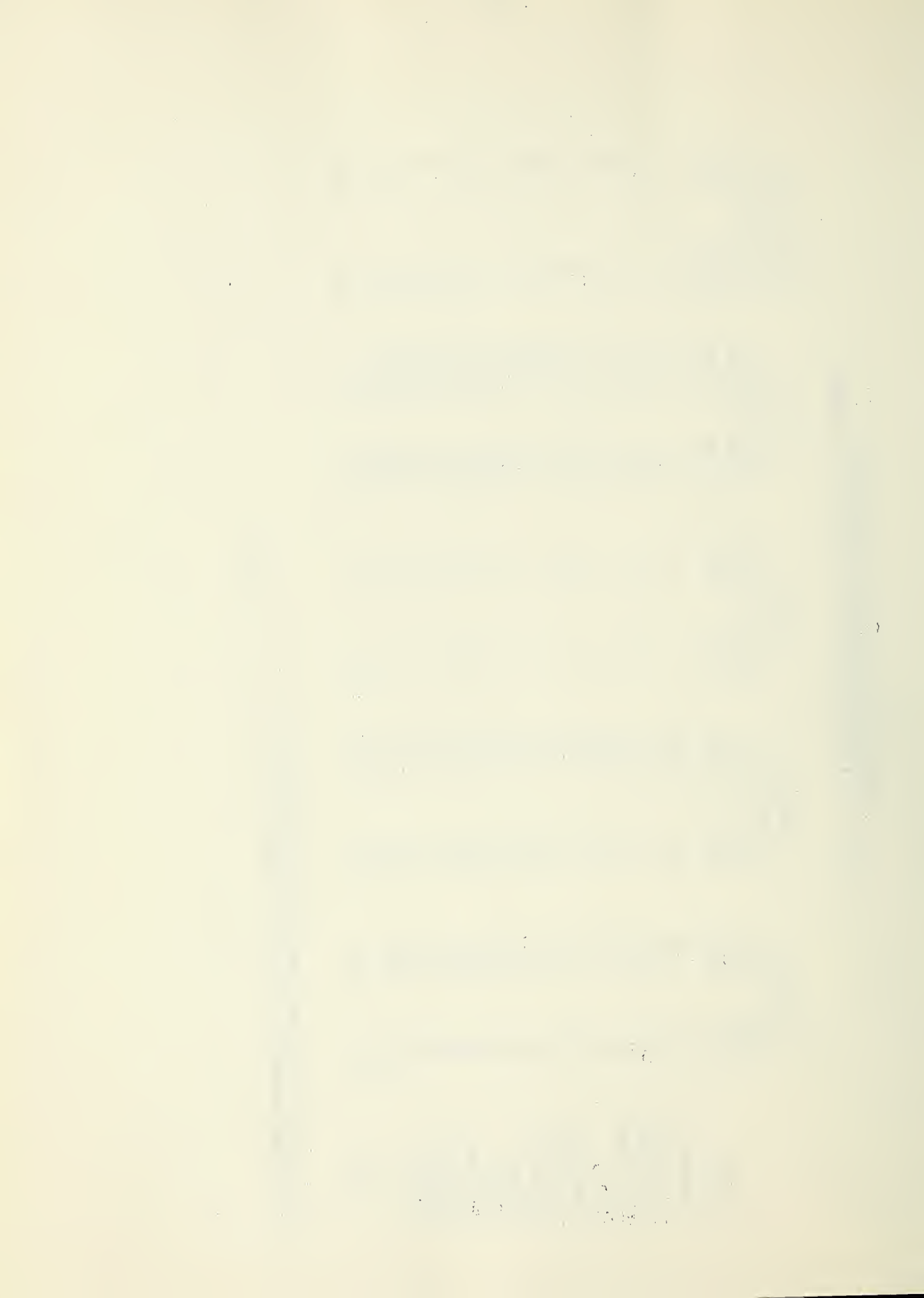


Conservation Practices Performed
Under the 1964 Agricultural Conservation Program

County	Planting Forest Trees		Improving Woodlands		Contour Stripcropping		Permanent Veget. Cover*		Establishment of Permanent Vegetation **	
	Total Farms	Total Acres	Total Farms	Total Acres	Total Farms	Total Acres	Total Farms	Total Acres	Total Farms	Total Acres
Addison	26	90	32	1104	--	--	305	6123	31	19
Bennington	34	66	29	482	--	--	102	1557	2	2
Caledonia	52	204	37	1023	4	23	175	1784	5	3
Chittenden	30	117	31	442	--	--	237	4223	35	38
Essex	12	54	19	172	--	--	53	890	3	5
Franklin	31	128	57	834	4	20	485	6119	11	4
Grand Isle	5	17	4	14	--	--	55	945	12	26
Lamoille	41	175	83	534	--	--	201	1868	--	--
Orange	82	292	41	587	2	5	140	1569	1	4
Orleans	35	175	22	259	--	--	374	3820	24	35
Rutland	59	152	54	944	2	8	180	2091	1	1
Washington	79	278	63	1020	5	17	162	1529	11	6
Windham	17	34	34	272	--	--	104	1084	--	--
Windsor	65	135	73	1273	4	15	121	1201	10	13
Total	568	1917	567	8960	21	88	2694	34803	146	156

*Includes obstruction removal under Practice 6.

**Includes permanent vegetation established under Pr. 8, 11 and 14



Conservation Practices Performed
Under the 1964 Agricultural Conservation Program

County	Drainage Practices			Ditches		Streambank Protection		Farm Ponds	
	Total Farms	Estimated Acres Drained by:		Total Farms	Total Rods	Total Farms	Number Projects	Total Farms	Total Struc.
		Open	Tile						
Addison	46	262	--	14	714	--	--	51	60
Bennington	1	4	--	--	--	1	1	2	2
Caledonia	13	17	23	2	146	4	4	10	10
Chittenden	23	839	40	10	536	2	2	21	21
Essex	4	68	--	1	27	2	2	1	1
Franklin	104	509	297	3	109	3	3	28	33
Grand Isle	18	334	58	--	--	--	--	11	12
Lamoille	34	37	6	4	94	2	2	3	3
Orange	12	8	18	2	46	3	3	5	5
Orleans	36	281	68	4	165	2	2	6	6
Rutland	17	31	32	1	12	15	15	31	32
Washington	9	28	13	5	79	4	4	4	4
Windham	3	--	3.8	--	--	--	--	--	--
Windsor	13	31	15	4	141	9	9	5	5
Total	333	2449	573.8	50	2069	47	47	178	194

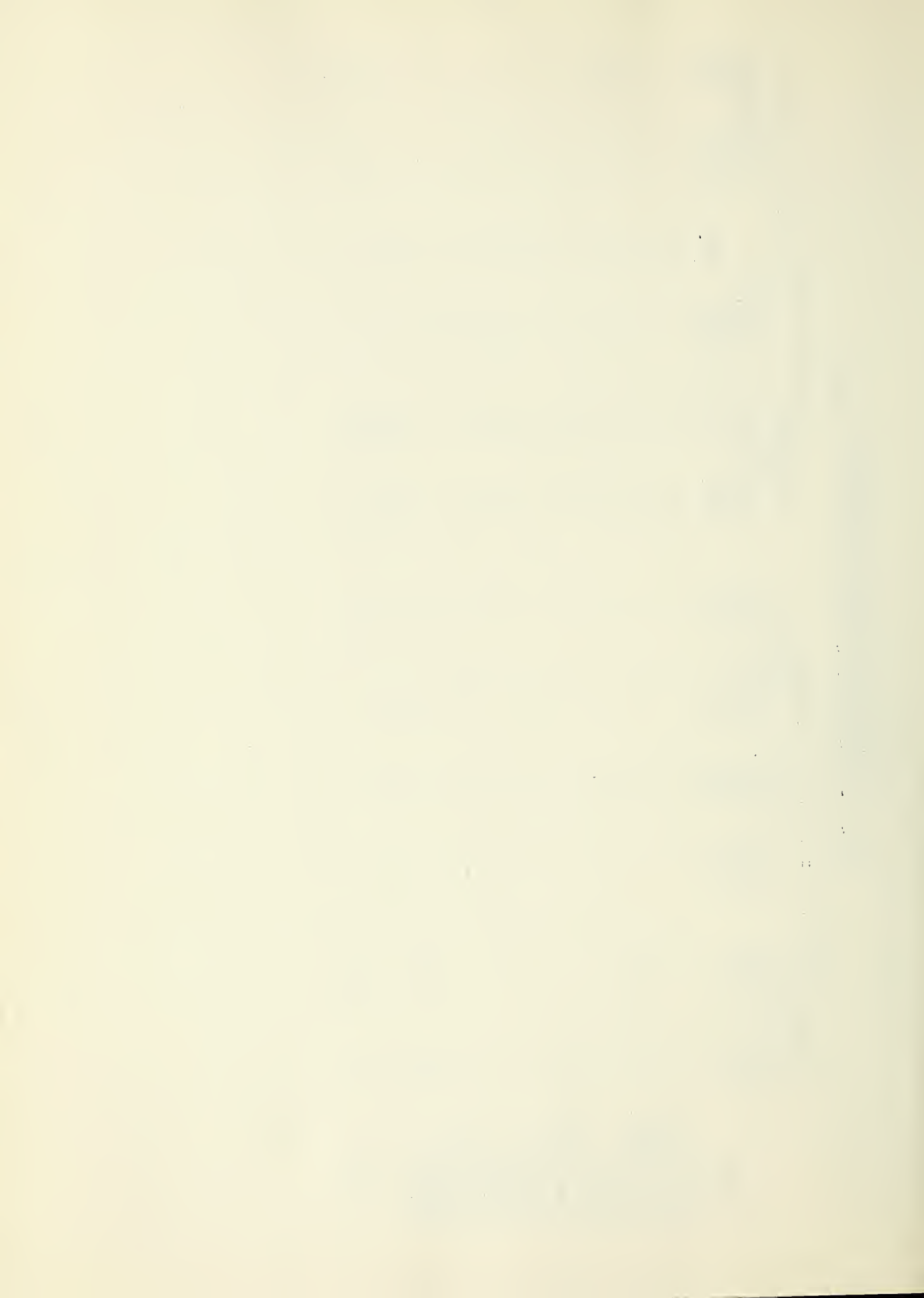
Conservation Practices Performed
Under the 1964 Agricultural Conservation Program

County	Establishing Sod Waterways		Developing Springs or Seeps		Installing Pipelines, etc.		Outlet Protection	
	Total Farms	1000 Sq. Ft.	Total Farms	No. of Springs or Seeps	Total Farms	Number Projects	Total Farms	Total Struc.
Addison	8	218	--	--	--	--	--	--
Bennington	--	--	--	--	1	1	--	--
Caledonia	1	9	8	8	4	4	--	--
Chittenden	7	261	2	2	6	6	--	--
Essex	--	--	1	1	1	1	--	--
Franklin	6	96	--	--	2	2	--	--
Grand Isle	1	34	--	--	--	--	--	--
Lamoille	4	305	3	3	2	2	--	--
Orange	2	65	6	6	1	1	--	--
Orleans	3	120	3	3	7	7	--	--
Rutland	1	15	11	11	16	16	--	--
Washington	2	42	2	2	5	5	--	--
Windham	2	100	--	--	--	--	1	1
Windsor	3	41	8	8	10	10	7	7
Total	40	1306	44	44	55	55	8	8



Conservation Practices Performed
Under the 1964 Agricultural Conservation Program

County	Special Conservation Practices				Wildlife Conservation Practices			
	Seeding for		Shrub Control		Mulching		Permanent Cover	
	Green Manure		Total		Orchards		Total	
	Total Farms	Total Acres	Total Farms	Total Acres	Total Farms	Total Acres	Total Farms	Total Acres
Addison	-	-	-	-	-	-	3	1.2
Bennington	-	-	-	-	-	-	6	4.5
Caledonia	4	435	-	-	-	-	-	-
Chittenden	-	-	1	5	-	-	3	3
Essex	-	-	-	-	-	-	-	-
Franklin	-	-	-	-	-	-	-	-
Grand Isle	-	-	-	-	-	-	2	2
Lamoille	-	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	2	3
Orleans	-	-	-	-	-	-	3	2.5
Rutland	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-
Windham	14	206	-	-	5	80	-	-
Windsor	-	-	-	-	-	-	21	21
Total	18	641	1	5	5	80	40	37.2
							91	91
							2	5.5



CONSERVATION RESERVE PROGRAM

1964 was the ninth year the Conservation Reserve part of the Soil Bank Program was available to farmers. The Congress did not continue the program to take on new land after 1960. The following statistics are for the 1964 program year:

Summary 1964 Conservation Reserve Activity in Vermont

<u>County</u>	<u>No. Contracts In Force</u>	<u>Acres Under Contract</u>
Addison	26	1073
Bennington	54	1990
Caledonia	148	4774
Chittenden	30	1288
Essex	60	1721
Franklin	38	1884
Grand Isle	24	1282
Lamoille	65	1833
Orange	74	1924
Orleans	114	4119
Rutland	52	2077
Washington	120	3159
Windham	3	59
Windsor	<u>47</u>	<u>701</u>
Total	855	27,884

State Totals - Conservation Reserve to Date
(1956 thru 1964)

1. Total acres trees planted - approximately 9100
2. Payments cumulative from inception through June 30, 1965:

Annual - - - - -	\$2,438,280.49
Practice - - - - -	<u>299,307.76</u>
Total - - - - -	\$2,737,588.25



FEED GRAIN PROGRAM

In 1964 Vermont farmers were eligible to participate in the Feed Grain Program for the fourth year. The program was designed to reduce the production of feed grain crops which are in temporary surplus. Vermont farmers were eligible to receive payment for diverting acres formerly producing corn including silage corn, barley and grain sorghums. The following statistics are for the 1964 program year:

<u>County</u>	<u>Number Farms Participating</u>	<u>Acreage Diverted</u>	<u>Total Diversion and Price Support Payments</u>	<u>Average Diversion Payment per Acre</u>
Addison	21	386	\$ 14768	\$38.15
Bennington	17	191	9767	48.40
Caledonia	10	72	2787	38.71
Chittenden	34	437	19753	44.24
Essex	1	4	108	27.00
Franklin	14	197	7736	39.01
Grand Isle	13	171	6573	36.54
Lamoille	6	81	3290	40.62
Orange	24	251	10723	42.27
Orleans	10	126	5603	43.30
Rutland	24	302	12349	39.70
Washington	23	224	10917	47.80
Windham	10	135	6041	43.11
Windsor	<u>2</u>	<u>27</u>	<u>1155</u>	<u>40.67</u>
State Totals	209	2604	\$111570	\$41.90



EMERGENCY LIVESTOCK FEED PROGRAM

Because of severe drought conditions beginning in 1962, farmers again experienced shortages of livestock feed. As a result of this, two of our Vermont counties, Orange and Windsor, were declared disaster areas and became eligible for Government corn.

Under this program, 41,000 bushels of corn were used in Orange County and 26,000 in Windsor County.

The Vermont State Office also acted as control office for a processor in St. Johnsbury supplying feed grain to New Hampshire and Massachusetts.

WHEAT STABILIZATION PROGRAM

Up until 1964, Vermont was in a non-commercial area as far as wheat production was concerned. This has been changed and in 1964 and until the present law is changed, Vermont is a commercial State and thus acreages of wheat grown here are subject to national legislation.

This means that all farms in Vermont that have produced wheat in the years 1959 through 1962 will have a farm acreage allotment. Records at the State Office indicate that there are 56 farms in the State with wheat acreage history. These are located in Addison, Chittenden, Grand Isle, Orleans, and Windham Counties with 40 of them in Addison County. These 56 farms have a history of producing a total of about 500 acres. They have received an allotment under the 1964 program, and if they are interested in receiving price support for their wheat, they must plant within this allotment. Since marketing quotas were not voted in for the 1964 crop, producers who do not stay within their allotments are not subject to marketing quota penalties and they may sell their wheat for whatever the market will pay.

Wheat allotments and normal yields were determined for all known wheat farms and farmers were so notified.

PRICE SUPPORT PROGRAMS

In the field of price support, the Vermont ASC Committee has concerned itself with keeping up to date on the over-all activities of the various price support programs that would affect the State's agriculture such as those for dairy products, honey, wheat, corn, and the purchase and loan programs. Information on these has been passed along to the county offices and, through publicity, the farmers have been kept informed.

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Alonso d.
San Juan
de los Rios

11. 12. 1911

Alonso d.
San Juan

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WOOL PROGRAM

Purpose

The National Wool Act of 1954 was passed to stimulate an increase of the annual production of wool to three hundred million pounds in the United States. The Act of 1954 was extended in 1961 for four additional years. The present Act will expire in 1965. The Wool Program makes incentive payments on sales of shorn wool to encourage this production. The United States does not produce as much wool as it uses and Congress set the policy of encouraging production by passing the National Wool Act.

How Program Works

An incentive price for shorn wool is announced by the Department of Agriculture in advance of the marketing year. The marketing year corresponds with the calendar year. The producer sells his wool in the usual market channels. At the end of the marketing year the National average of the prices received by all growers is used to determine the percentage rate required to bring the National average of the prices received in the free market up to the incentive level which has previously been announced. This percentage is applied to each grower's net proceeds from the sales of shorn wool during the year to arrive at the amount of his incentive payment.

A payment on unshorn lambs is made to maintain normal marketing practices and avoid unusual shearing of lambs prior to marketing. The rate of payment for unshorn lambs is announced at the same time the rate of payment is announced for shorn wool. The rate is a fixed amount per hundredweight to reflect, on the average, the approximate weight of wool on the animals at the time of marketing. This average for the year is around 5 pounds per hundredweight of live animals.

Facts About Program

The 1964 Wool Program began on January 1, 1964, and farmers had until January 31, 1965 to file for payment. Wool sold during the 1964 calendar year was eligible for incentive payment.

The Department announced a payment rate on shorn wool of 16.5% and on unshorn lambs of 35¢ per hundredweight. The payment made to producers was determined by applying the percentage rate to the net proceeds received for the producer's shorn wool, and by applying 35¢ a hundredweight to the total weight of unshorn lambs sold.

The total production of shorn wool in 1964 was about 221.5 million pounds compared to 238 million pounds in 1963.

The Wool Act requires that both the total amount of payments and reimbursements to the Commodity Credit Corporation for expenditures in operating the Wool Program be limited to 70% of the duties collected on imports of wool and wool manufactures.

The prices received for shorn wool by Vermont producers exceeded the National average price by 4.8¢ per pound. This is thought to be due to the effective marketing program through wool pools.



Vermont Summary of Wool Program
1964 Marketing Year

<u>County</u>	<u>S H O R N W O O L</u>					<u>UNSHORN LAMBS</u>	
	<u>No.</u> <u>Appl.</u> <u>Payt.</u>	<u>Lbs.</u> <u>Wool</u> <u>Sold</u>	<u>Net</u> <u>Proceeds</u> <u>To Farmer</u>	<u>Ave.</u> <u>Price</u> <u>Per Lb.</u>	<u>Govt.</u> <u>Payment</u>	<u>Wt.</u> <u>Lambs</u> <u>Sold</u>	<u>Govt.</u> <u>Payment</u>
Add.	15	7211	4171	.58	\$688.21	26699	\$93.45
Benn.	11	2695	1614	.60	266.31	4028	14.10
Cal.	14	3647	2053	.56	321.56	11722	41.03
Chitt.	12	4809	2895	.60	477.67	8184	28.64
Essex	3	651	336	.52	55.44	0	0
Frank.	8	2273	1343	.59	218.36	0	0
Gr. I.	1	270	108	.40	17.82	2736	9.57
Lamoille	2	441	245	.56	40.42	0	0
Orange	24	3531	1881	.53	296.02	1200	4.20
Orleans	4	751	446	.59	73.59	0	0
Rutland	26	7209	4279	.59	687.41	23369	81.79
Wash.	11	3129	1815	.58	299.47	2228	7.80
Windham	12	4466	2703	.61	445.99	3322	11.63
Windsor	22	3381	1892	.56	312.18	3166	11.08
Total	165	44464	25781	.58	4200.45	86654	303.29

1964 marketing year incentive rate 16.5% of net proceeds on shorn wool and 35¢ per cwt. liveweight on unshorn lambs.

Wool Payments Made in Vermont
1955 - 1964

<u>Year</u>	<u>National</u> <u>Average</u> <u>Price</u>	<u>Shorn Wool</u>			<u>Unshorn Lambs</u>		
		<u>Lbs.</u>	<u>Rate of</u> <u>Payment</u>	<u>Payment</u>	<u>Lbs.</u>	<u>Rate of</u> <u>Payment</u> <u>(Cwt.)</u>	<u>Payment</u>
1955	44.9¢	49000	42.8%	\$10171	142000	77¢	\$1194
1956	44.3¢	56148	40.0%	9974	192377	71¢	1101
1957	53.7¢	55716	15.5%	4550	151286	33¢	499
1958	36.4¢	49712	70.3%	13494	162082	\$1.02	1647
1959	43.3¢	67057	43.2%	13204	145051	75¢	1154
1960	42.0¢	52579	47.6%	12855	147619	80¢	1180
1961	42.9¢	52174	44.5%	13582	108801	76¢	809
1962	47.7¢	44393	30.0%	7342	96607	57¢	507
1963	48.5¢	45292	27.8%	6465	68785	54¢	396
1964	53.2¢	44464	16.5%	4200	86654	35¢	303

Promotion Fund Deductions - These deductions, which are taken from the incentive payment made to eligible wool producers, continued at one cent a pound for shorn wool and five cents per hundredweight on unshorn lambs. In Vermont, they amounted to \$485.52. Nationally, it is estimated they amounted to 2½ million dollars for the 1964 marketing year. These funds are turned over to the American Sheep Producers Council, under an agreement with the Secretary in accord with the 1959 referendum of sheep producers, and are used to promote sales and marketing of wool and lambs.

1914
1915
1916

1917

1918
1919

1920
1921

1922
1923

CROPLAND CONVERSION PROGRAM

The Food and Agriculture Act of 1962, among other things, authorized the Secretary of Agriculture to enter into agreements with farmers for long-term conversion of cropland into recreational uses.

To encourage farmers to participate in long-range land-use changes, the Department can offer them transition or adjustment payments to lessen the immediate economic impact of the change from crops to other uses, as well as cost-sharing, including materials, services, and other assistance they may need for conservation measures.

Agreements with farmers to convert land to non-crop uses were made at the local level by the ASC county committees. The agreements were based on farm conservation plans which farmers have developed in cooperation with local soil and water conservation districts and with technical help from the Soil Conservation Service.

In our State we entered into four contracts - two in Franklin County, one in Orange, and one in Washington County. One Franklin County farmer has since withdrawn from the program, leaving three participants.

DEFENSE ACTIVITIES

The State ASCS organization has been actively working with other USDA agencies in carrying out defense assignments made to the Department of Agriculture.

ASCS offices act as support offices at the State and county levels. This involves providing space for defense board meetings and doing the necessary paper work as well as maintaining the files.

The State ASCS Executive Director serves as State USDA Defense Board Chairman and the chairmen of the county ASC committees serve as chairmen of the respective county defense boards. In this position, our organization has been busy in working with local Civil Defense officials in trying to make the necessary plans for keeping farmers informed of the production and distribution of the necessary food for our population in case of an emergency.

The State Disaster Committee is a subcommittee to the State Defense Board. The following actions were taken by this committee in 1964:

1. Livestock Feed - Orange and Windsor Counties

The committee requested that Orange and Windsor Counties be declared disaster areas. This was done and livestock feed was brought into the area as listed elsewhere in this report.

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The first part of the report deals with the general situation of the country and the progress of the work during the year. It is followed by a detailed account of the various projects and the results achieved.

The second part of the report deals with the financial situation of the organization. It gives a detailed account of the income and expenditure for the year and shows how the funds have been used.

The third part of the report deals with the personnel of the organization. It gives a detailed account of the staff and their work and shows how the organization has managed to maintain a high standard of efficiency.

The fourth part of the report deals with the future prospects of the organization. It gives a detailed account of the plans for the next year and shows how the organization is prepared to meet the challenges ahead.

Conclusion

The report shows that the organization has made a great deal of progress during the year and is well prepared to meet the challenges ahead. It is hoped that the results achieved will be a source of inspiration and encouragement to all who are working for the same cause.

The report also shows that the organization has managed to maintain a high standard of efficiency and that the funds have been used wisely. It is hoped that these results will be a source of pride and satisfaction to all who are working for the same cause.

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2. Drought - Addison and Chittenden Counties

State and County Disaster Committees reviewed the water situation and the feed situation in Vermont caused by adverse weather conditions.

Drought conditions in Addison County and Chittenden County warranted special action. The State and County Defense Boards working with the State Government compiled figures in the areas involved and submitted them to the Washington Office.

The Governor requested that six Vermont counties be declared national disaster areas under Public Law 81-875. The State Defense Board concurred in this recommendation particularly as it applied to Addison and lower Chittenden Counties. Supporting data was submitted by the Executive Secretary of the State Disaster Committee for the areas involved. This resulted in Addison and Chittenden Counties being declared disaster areas by the President and an initial grant of \$75,000 being made available.

At noon on Friday, November 29, there was a total of 198 requests for water delivery involving 12,750 animals with a 60-day need of 23,890,000 gallons of water in Addison County. Farmers worked hard themselves to devise ways and means of getting water.

OTHER SERVICE ACTIVITIES

Outdoor Conservation Laboratory

The Vermont ASCS participated in the Outdoor Conservation Laboratory sponsored by the Vermont Federation of Sportsman's Clubs in cooperation with the Vermont State agencies concerned with conservation of all natural resources.

The Laboratory was a 10-day course of orientation and field trips covering the subjects of minerals, soil, ACP, water, forests and wildlife. The attendance consisted of 25 teachers of graded and high school level who were awarded scholarships for the Laboratory.

These teachers spent one day on ACP and visited farms in the vicinity of Stowe, Vermont. At these farms, County Committee Chairman Lawrence Gregory, Community Committeeman Raymond Jones, and County Agent Silas Jewett outlined the part that the ACP program plays in the conservation effort. The teachers then visited the farms of Raymond Jones, Philip Keith and Lewis D. Mowry III to observe conservation practices.

INFORMATIONAL ACTIVITIES

The memorandum of understanding with the Vermont Extension Service to edit and arrange for final release to State and county newspapers information concerning ASCS programs in Vermont was continued. This method is very satisfactory, and the Vermont Extension Service information staff is always cooperative in this respect.

Several radio tapes were made during the year using Extension Service facilities and these were released to radio stations throughout Vermont. In addition, several radio programs were arranged for at the county level and were participated in by State Office personnel and local ASCS people.



State Office personnel appeared on the television program "Across the Fence" over WCAX-TV, Burlington. Arrangements for these appearances were made in cooperation with the Vermont Extension Editor's office.

The monthly newsletter distributed to county and community committeemen and cooperating agencies was continued in 1964. These letters are a method of pointing out the highlights of ASCS programs in Vermont.

County informational meetings were held in 13 counties in the State in the spring of 1964. These meetings were attended by county and community committeemen, visiting farmers, and representatives of cooperating agencies. Counties developed their own programs for these meetings and stressed long-range conservation practices such as forestry, and soil and water conservation work. All ASCS programs were discussed at these meetings. Attendance was excellent and programs were interesting and informative. County Extension Agents, County Foresters, and Soil Conservation Service personnel helped to arrange and conduct these meetings.

Several counties held tours for county and community committeemen and in some cases farmers and others were invited to attend. Tours consisted of visiting farms which were carrying out conservation programs that offer a learning situation in the field of soil and water conservation.

Several farmer-businessman dinners were held in the counties as was done in 1963. Each committeeman brought as his guest a businessman from the area. The programs included speakers and entertainment. It is felt that this type of a meeting provides an excellent opportunity to explain ASCS programs and to promote a better understanding of these programs among the public.

State Office personnel were available for talks to various granges and service organizations. Several talks were given by State Office personnel as requests were received.

Several county and community committeemen throughout the State gave talks on ASCS programs to Vocational Agricultural Departments in high schools, to Veterans' courses and service organizations when requested.

The Vermont State Department of Education has cooperated with the State Office in supplying each Vocational Agricultural instructor in Vermont with an ASCS resource informational packet. This packet contains such informational material as "Background Material on ASCS," "Price Support Information," various ACP handbooks and publications. This material is contained in a folder which can easily be placed in a file and additional information is distributed to the teachers as it becomes available.

At the beginning of programs and on other occasions as needed suggested county news releases are provided to county offices. These releases are adapted locally and released for publication through the County Extension Service. In addition, timely ASCS news and announcements are disseminated locally through the county agent either in his column in the newspaper, radio program, or newsletters.

A State Conference of county committeemen and county office managers was held in 1964 with excellent attendance. Complete coverage of the conference was made by newspaper, radio, and television media.

